RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/574,215_
Source: _IFWIP_
Date Processed by STIC: _4-13-06_

ENTERED

IFWP

RAW SEQUENCE LISTING   DATE: 04/13/2006
PATENT APPLICATION: US/10/574,215   TIME: 10:05:48

Input Set : **A:\MERK3151.APP**
Output Set: **N:\CRF4\04132006\J574215.raw**

```
 3 <110> APPLICANT: GOODMAN, SIMON
 4        SCHUPPAN, DETLEF
 5        PATSENKER, ELEONORA
 6        POPOV, YURY
 7        BAUER, MICHAEL
 8        WIESNER, MATTHIAS
 9        JONCZYK, ALFRED
11 <120> TITLE OF INVENTION: THERAPEUTIC USE OF ALPHA-V BETA-3 AND ALPHA-V BETA-6
12        INTEGRIN ANTAGONISTS AS ANTIFIBROTIC AGENTS
14 <130> FILE REFERENCE: MERCK-3151
```

`C-->` `16 <140> CURRENT APPLICATION NUMBER: US/10/574,215`
`C-->` `17 <141> CURRENT FILING DATE: 2006-03-31`

```
19 <150> PRIOR APPLICATION NUMBER: PCT/EP04/010396
20 <151> PRIOR FILING DATE: 2004-09-16
22 <150> PRIOR APPLICATION NUMBER: EP 03022048.7
23 <151> PRIOR FILING DATE: 2003-10-01
25 <160> NUMBER OF SEQ ID NOS: 28
27 <170> SOFTWARE: PatentIn Ver. 3.3
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 20
31 <212> TYPE: DNA
32 <213> ORGANISM: Artificial Sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
36        primer
38 <400> SEQUENCE: 1
39 tccggctcct gctcctctta                                        20
42 <210> SEQ ID NO: 2
43 <211> LENGTH: 22
44 <212> TYPE: DNA
45 <213> ORGANISM: Artificial Sequence
47 <220> FEATURE:
48 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
49        primer
51 <400> SEQUENCE: 2
52 ccgaggacta tgaccgggat aa                                     22
55 <210> SEQ ID NO: 3
56 <211> LENGTH: 24
57 <212> TYPE: DNA
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
62        primer
```

RAW SEQUENCE LISTING   DATE: 04/13/2006
PATENT APPLICATION: **US/10/574,215**   TIME: 10:05:48

Input Set : **A:\MERK3151.APP**
Output Set: **N:\CRF4\04132006\J574215.raw**

```
64 <400> SEQUENCE: 3
65 ccgtttccat ctctctcaag atga                                    24
68 <210> SEQ ID NO: 4
69 <211> LENGTH: 20
70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
75      primer
77 <400> SEQUENCE: 4
78 ggaagaccct cttcttctca                                         20
81 <210> SEQ ID NO: 5
82 <211> LENGTH: 27
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
88      primer
90 <400> SEQUENCE: 5
91 tcctcttgtt gctatcattg atagctt                                 27
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 20
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
101       primer
103 <400> SEQUENCE: 6
104 agaagtcacc cgcgtgctaa                                         20
107 <210> SEQ ID NO: 7
108 <211> LENGTH: 20
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
114       primer
116 <400> SEQUENCE: 7
117 atccctgcga cccacacaag                                         20
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 25
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
127       primer
129 <400> SEQUENCE: 8
130 ccgatgtata tgcttgcaga gttaa                                   25
133 <210> SEQ ID NO: 9
134 <211> LENGTH: 18
```

RAW SEQUENCE LISTING   DATE: 04/13/2006
PATENT APPLICATION: US/10/574,215   TIME: 10:05:48

Input Set : **A:\MERK3151.APP**
Output Set: **N:\CRF4\04132006\J574215.raw**

```
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
140       primer
142 <400> SEQUENCE: 9
143 tccaagtgcg gcaggtgg                                              18
146 <210> SEQ ID NO: 10
147 <211> LENGTH: 24
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
153       primer
155 <400> SEQUENCE: 10
156 catttggatt caagcacatt ttgc                                      24
159 <210> SEQ ID NO: 11
160 <211> LENGTH: 23
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
166       probe
168 <400> SEQUENCE: 11
169 ttcttggcca tgcgtcagga ggg                                       23
172 <210> SEQ ID NO: 12
173 <211> LENGTH: 24
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
179       probe
181 <400> SEQUENCE: 12
182 tctgccccga gaccgctatg tcca                                      24
185 <210> SEQ ID NO: 13
186 <211> LENGTH: 30
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
192       probe
194 <400> SEQUENCE: 13
195 agatggtatt caatccctct atggacctcc                                30
198 <210> SEQ ID NO: 14
199 <211> LENGTH: 30
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
```

```
205     probe
207 <400> SEQUENCE: 14
208 tctggttagc atcatcataa ctccacacgt                          30
211 <210> SEQ ID NO: 15
212 <211> LENGTH: 27
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
218     probe
220 <400> SEQUENCE: 15
221 ttctgcaact cggacctggt tataagg                              27
224 <210> SEQ ID NO: 16
225 <211> LENGTH: 30
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
231     probe
233 <400> SEQUENCE: 16
234 accgcaacaa cgcaatctat gacaaaacca                           30
237 <210> SEQ ID NO: 17
238 <211> LENGTH: 21
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
244     probe
246 <400> SEQUENCE: 17
247 ctcccccgcc aaccgcaaga t                                    21
250 <210> SEQ ID NO: 18
251 <211> LENGTH: 27
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
257     probe
259 <400> SEQUENCE: 18
260 aaccgtcacc tgggaccgag acatgta                              27
263 <210> SEQ ID NO: 19
264 <211> LENGTH: 24
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
270     primer
272 <400> SEQUENCE: 19
273 gtatgcagct gacttcaggg atgt                                 24
276 <210> SEQ ID NO: 20
```

RAW SEQUENCE LISTING   DATE: 04/13/2006
PATENT APPLICATION: **US/10/574,215**   TIME: 10:05:48

Input Set : **A:\MERK3151.APP**
Output Set: **N:\CRF4\04132006\J574215.raw**

```
277 <211> LENGTH: 22
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
283       primer
285 <400> SEQUENCE: 20
286 cttgttgccc aggaaagtga ag                                    22
289 <210> SEQ ID NO: 21
290 <211> LENGTH: 26
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
296       primer
298 <400> SEQUENCE: 21
299 cagagagtta gatttggtgg gtacca                                26
302 <210> SEQ ID NO: 22
303 <211> LENGTH: 23
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
309       primer
311 <400> SEQUENCE: 22
312 tcatagacag catctacttt gtc                                   23
315 <210> SEQ ID NO: 23
316 <211> LENGTH: 23
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
322       primer
324 <400> SEQUENCE: 23
325 cgctggtata aggtggtctc gat                                   23
328 <210> SEQ ID NO: 24
329 <211> LENGTH: 22
330 <212> TYPE: DNA
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
335       primer
337 <400> SEQUENCE: 24
338 tcccgaatgt ctgacgtatt ga                                    22
341 <210> SEQ ID NO: 25
342 <211> LENGTH: 22
343 <212> TYPE: DNA
344 <213> ORGANISM: Artificial Sequence
346 <220> FEATURE:
```

L:16 M:270 C: Current Application Number differs, Replaced Application Number
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date